

**IN THE CLAIMS:**

1. (Canceled)
2. (Previously Presented) A method for reducing interrupts while tracing an application in a data processing system, the method comprising:
  - receiving at a tracing function an indication that at least a portion of executable code from an application has been loaded into a memory block prior to execution of the portion of executable code; and
  - altering by the tracing function at least one operating-system-defined memory access protection parameter to allow read access to the memory block, and wherein the receiving step and the altering step are performed for each memory fault for the application.
3. (Original) The method of claim 2 wherein a memory fault includes a page fault or a segment fault.
- 4-42. (Canceled)